



D0 Status Report

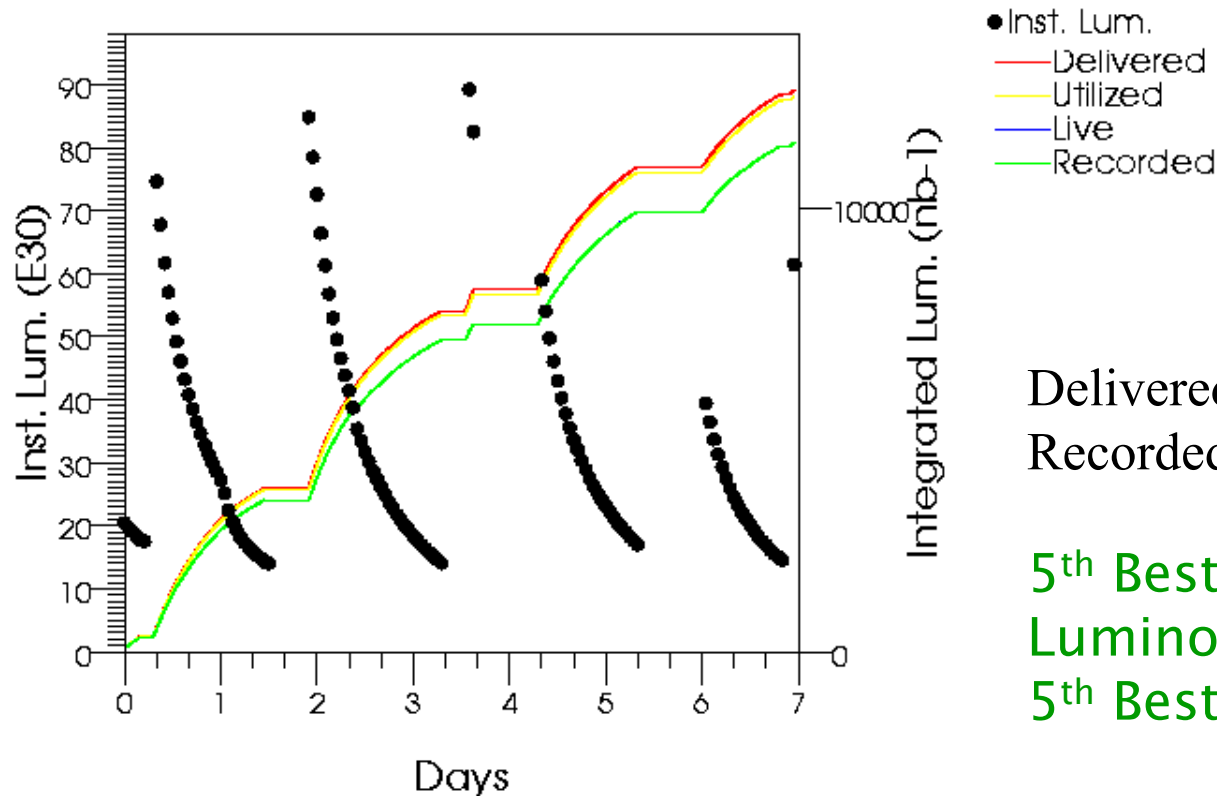
2/7/2005

Taka Yasuda
Fermilab



Data Taking 1 / 31–2 / 6

A Good Week for Data Taking



Delivered: 12.674 pb^{-1}

Recorded: 11.482 pb^{-1}

5th Best Week in Recorded
Luminosity
5th Best Week in Efficiency



Data Taking 1 / 31–2 / 6

Day	Delivered	Recorded	Eff.	Time
1 / 31	2.88pb ⁻¹	2.65pb ⁻¹ *	91.9%	20.7 hours
2 / 1	1.12pb ⁻¹	1.02pb ⁻¹	91.4%	13.2 hours
2 / 2	3.23pb ⁻¹	2.92pb ⁻¹ **	90.5%	24.0 hours
2 / 3	0.94pb ⁻¹	0.79pb ⁻¹	83.4%	9.5 hours
2 / 4	2.13pb ⁻¹	1.95pb ⁻¹	91.4%	16.0 hours
2 / 5	0.64pb ⁻¹	0.60pb ⁻¹	93.6%	9.0 hours
2 / 6	1.74pb ⁻¹	1.56pb ⁻¹	89.9%	19.8 hours

* 6th best in Run II ** 2nd best in Run II

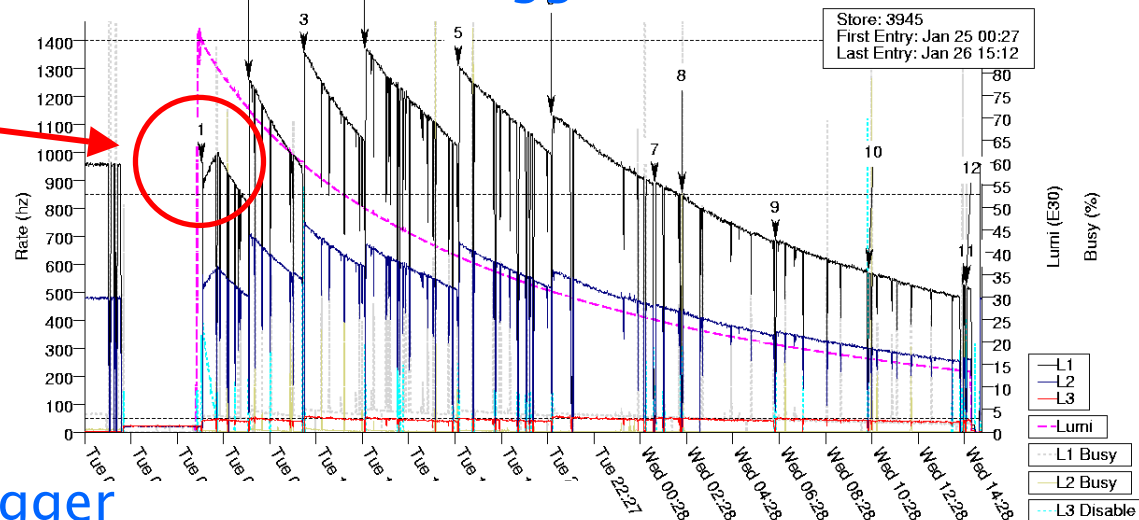


Level 3 Disable

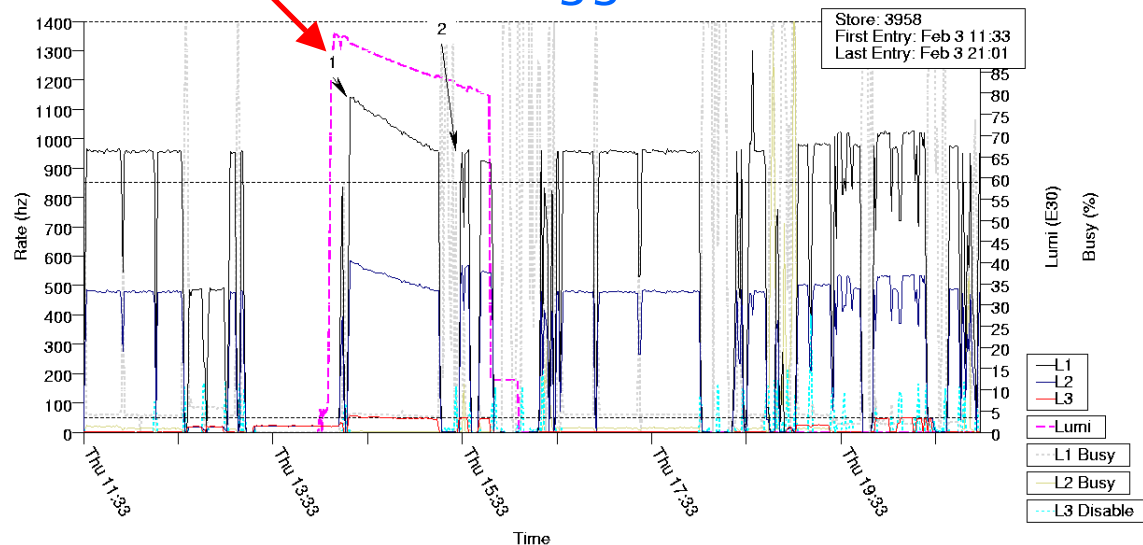
~20% L3 Disable
at 88E30

No L3 Disable
at 93E30!

V13.40 Trigger



V13.50 Trigger



- IP tracker tool raised p_T cut $0.4 \rightarrow 0.5$ GeV/c
- Algorithms reordered

7 Feb 2005

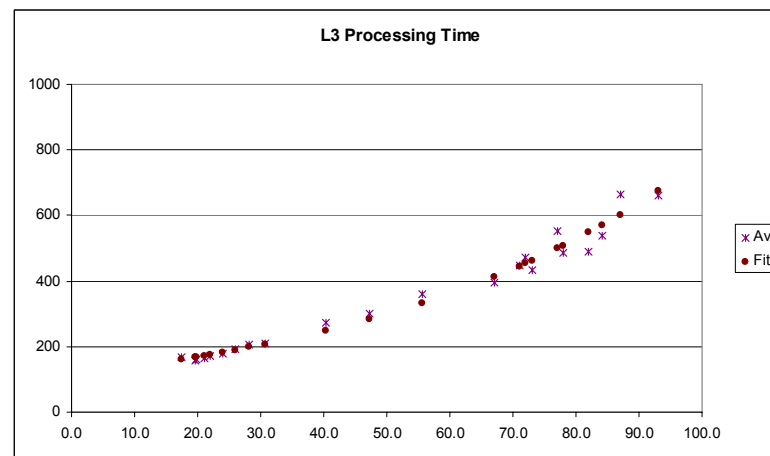
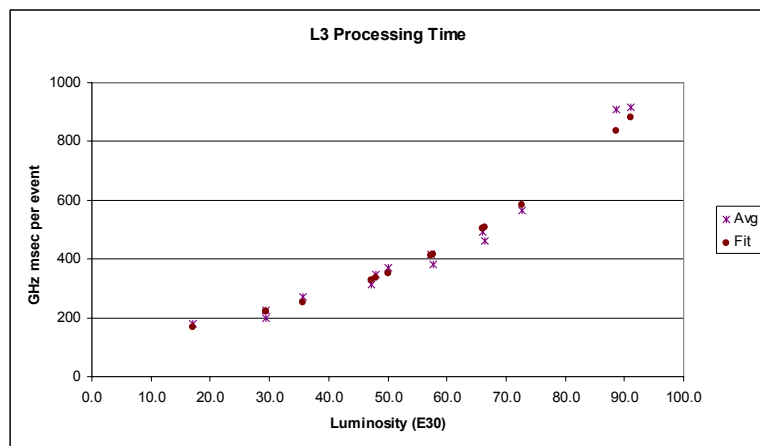
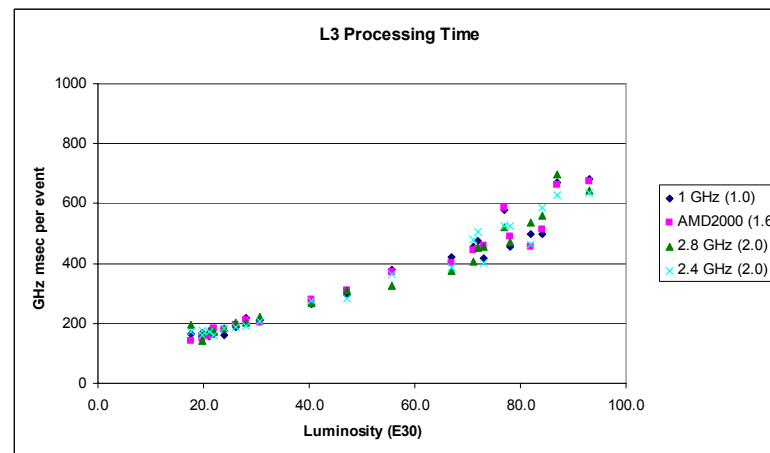
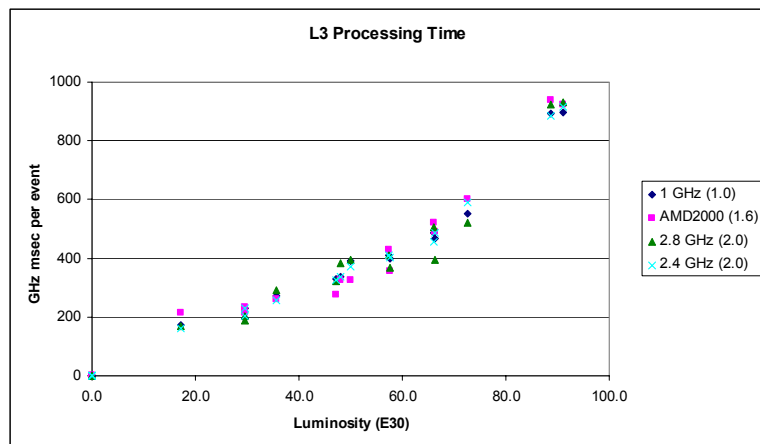
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Level 3 Processing Time

V13.40

V13.50

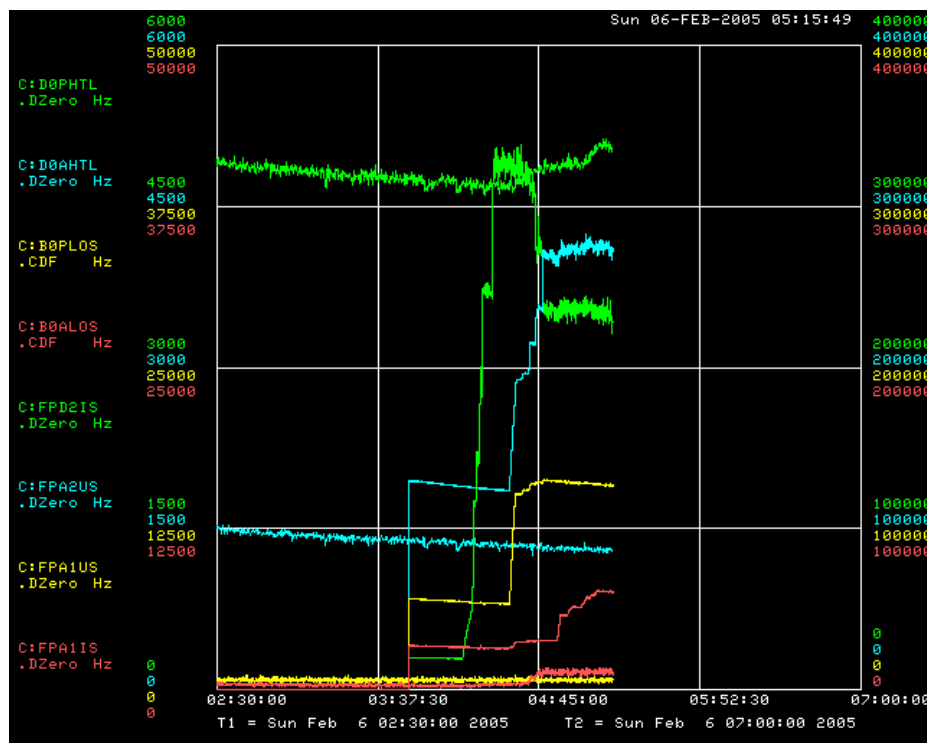


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Forward Proton Detector



- Inserted A-side pots using the new procedure.
- New software safe guards worked as designed.
- We thank the AD and CDF for their help in getting FPD back in operation.



Access to Collision Hall

- Had not had a Collision Hall access for over two weeks.
- Minor repair requests piled up.

➡ A controlled access on 2/3/05

Cal: Replaced an SCA daughter card, a pulser PS.

Muon: Replaced a trigger card, tested a new control board.

CFT: Swapped as SCL receiver card, fixed FPD board, swapped out a broken fiber cable, etc.

A water pump for the Solenoid PS replaced.